

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-18 11:50:34  
Date of Next Testing: 2024-03-07 11:50:34  
Product Name: **1-Bromo-4-fluorobenzene**  
CAS Number: 460-00-4  
Specifications & Purity: 98%  
Lot #: C2212223  
SKU #: **B107758**  
Analysis: **036609**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.526-1.531	1.53
Purity(GC)	98-100 (%)	99.93 %
Density (20°C)	1.603-1.606	1.61
Appearance (B107758)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager